

REMARKS

This paper is filed in response to the Office Action mailed February 11, 2003. Claims 1-7 were pending in the application. Claims 1-7 have been canceled and claims 8-21 have been added. No new matter has been added. Therefore, claims 8-21 are now pending in the application and are submitted for reconsideration.

Abstract

The application was objected to because it lacked an abstract of the disclosure. An Abstract is attached to this response.

Rejection of Claims 1-7:

Claims 1-7 were rejected under 35 U.S.C. §112, second paragraph as being indefinite and failing to particularly point out the Applicants' invention. Claims 1-7 have been canceled and claims 1 and 2 rewritten as claims 8 and 9 to address the numerous §112 objections and to more clearly describe the invention. In particular, the rewritten claim 8 omits the word "preferably" and recites "a capacitor having a front, a back, and two sides" in order to permit more clarity in the description of the relative spatial positions of the various components of the capacitor assembly.

Claims 1-7 were rejected under 35 U.S.C. § 102 as being anticipated by U.S. Patent No. 5,623,399 issued to Ishii et al. In response to these rejections, claim 1 has been canceled and rewritten as claim 8 which recites "two side mechanical holders for mounting the capacitor to the base unit, one side mechanical holders disposed on and connected to each side of the capacitor." Ishii only shows one mechanical holder in each embodiment (9 in Figs. 3 and 8 or 180 in Figs. 12 and 15). Claim 1 also requires "a front mechanical holder disposed at the front of the capacitor for attachment of the at least one electrical connector and measurement sensor." In Ishii et al. it is the same holder 180 which houses current sensors 106 and 107 through which busbars 140, 160 and 170 pass, as shown in Figs. 12 and 15. Applicants respectfully submit that nothing in Ishii et al. or any of the other art of record teaches or suggests the present invention.

In view of the above, Applicants respectfully request withdrawal of the rejections and allowance of claims 8 and 9.

New Claims 10-21:

Claims 10-21 have been added in order to more fully claim the subject matter of Applicants' invention. Claims 10-15 depend from claim 8. Claim 16 is a new independent claim directly to a converter appliance comprising a capacitor assembly including many of the features on the capacitor assembly of claim 8. Claims 17-21 depend from claim 16.

None of the art of record teaches or suggests the combination of features recited in the new claims. Claims 10-15 depend from claim 8 and are thus patentable for at least the reasons stated above. Claim 16 requires, among other limitations, "a front mechanical holder positioned at the front of the capacitor for attachment of electrical power connections" and "two side mechanical holders for mounting the capacitor to the base unit, one side mechanical holders disposed on and connected to each side of the capacitor." As noted above in relation to claim 8, Ishii only shows one mechanical holder in each embodiment (9 in Figs. 3 and 8 or 180 in Figs. 12 and 15) and the same holder 180 which houses current sensors 106 and 107 through which busbars 140, 160 and 170 pass, as shown in Figs. 12 and 15.

Applicants respectfully submit that nothing in Ishii et al. or any of the other art of record teaches or suggests the subject matter of claims 10-21..

In view of the above, Applicants respectfully request entry and allowance of claims 10-21 by the Examiner.

Any extension of time that may be deemed necessary to further the prosecution of this application is hereby requested. The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 08-3038, referencing the docket number shown above.

The Examiner is respectfully requested to contact the undersigned by telephone at the number given below in order to resolve any questions.

Respectfully submitted,



David P. Owen

Reg. No. 43,344

Date: 8 May 2003

Customer No. 32894

Howrey Simon Arnold & White
CityPoint, One Ropemaker Street,
London EC2Y 9HS
UNITED KINGDOM

Tel: 011 44 20 7628 3303

FAX RECEIVED

MAY 08 2003

TECHNOLOGY CENTER 2800

New Claims 10-21:

Claims 10-21 have been added in order to more fully claim the subject matter of Applicants' invention. Claims 10-15 depend from claim 8. Claim 16 is a new independent claim directly to a converter appliance comprising a capacitor assembly including many of the features on the capacitor assembly of claim 8. Claims 17-21 depend from claim 16.

None of the art of record teaches or suggests the combination of features recited in the new claims. Claims 10-15 depend from claim 8 and are thus patentable for at least the reasons stated above. Claim 16 requires, among other limitations, "a front mechanical holder positioned at the front of the capacitor for attachment of electrical power connections" and "two side mechanical holders for mounting the capacitor to the base unit, one side mechanical holders disposed on and connected to each side of the capacitor." As noted above in relation to claim 8, Ishii only shows one mechanical holder in each embodiment (9 in Figs. 3 and 8 or 180 in Figs. 12 and 15) and the same holder 180 which houses current sensors 106 and 107 through which busbars 140, 160 and 170 pass, as shown in Figs. 12 and 15.

Applicants respectfully submit that nothing in Ishii et al. or any of the other art of record teaches or suggests the subject matter of claims 10-21..

In view of the above, Applicants respectfully request entry and allowance of claims 10-21 by the Examiner.

Any extension of time that may be deemed necessary to further the prosecution of this application is hereby requested. The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 08-3038, referencing the docket number shown above.

The Examiner is respectfully requested to contact the undersigned by telephone at the number given below in order to resolve any questions.